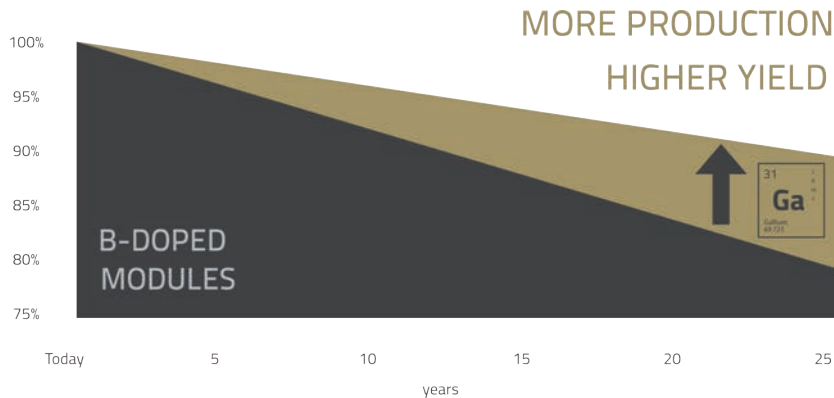


BENEFITS OF USING OUR PREMIUM RANGE .833 GALLIUM



Our classic 8.33 Gallium range has been remastered:
Now more benefits to our customers.

<p>NATURAL POWER</p> <p>THE MODULES ARE DOPED WITH A MINERAL CALLED GALLIUM WHICH PRODUCES A HIGHER YIELD THAN STANDARD MODULES SINCE THEY CAN ATTRACT MORE LIGHT.</p>	<p>EXTRA POWER</p> <p>EVERY MODULE COMES WITH MINIMUM 2% EXTRA POWER. EVEN MORE LIFETIME POWER PRODUCTION.</p>
<p>LOW OXYGEN CONCENTRATION</p> <p>OUR MODULES ARE MANUFACTURED WITH SPECIAL MATERIALS THAT TRANSLATE INTO HIGHER ENERGY PRODUCTION AND MORE STABLE POWER OUTPUT OVER THEIR LIFETIME</p>	<p>LEADING WARRANTY</p> <p>OUR MODULES OFFER THE HIGHEST WARRANTY IN THE MARKET: 25 YEAR POWER OUTPUT WARRANTY.</p> <p>A. 95% 12 YEARS B. 90% 25 YEARS C. 12 YEAR PRODUCT WARRANTY</p>



WATTS + EFFICIENCY + YIELD + COST EFFECTIVE
YOU GET MORE THAN YOU PAY FOR



OUR CLASSIC WORK OF ART



GALLIUM PREMIUM RANGE
INSPIRED SOLAR TECHNOLOGY

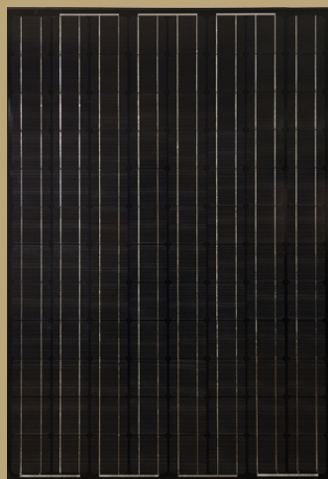




250 - 265 WATT



MONOCRYSTALLINE GALLIUM SOLAR MODULE

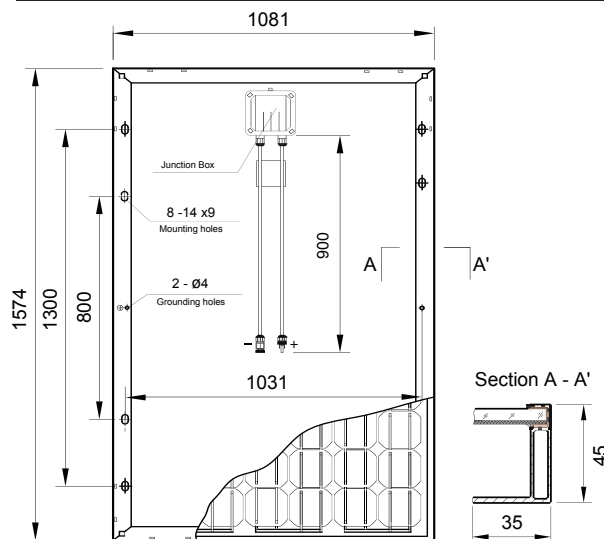


Monocrystalline Module	250W	265W
Reference	8.250MSGB	8.265MSGB
Standard Test Conditions (STC)		
Maximum Power Voltage - U_{MPP} (V)	48.70	49.40
Maximum Power Current - I_{MPP} (A)	5.14	5.36
Open Circuit Voltage - U_{OC} (V)	59.60	60.10
Short Circuit Current - I_{SC} (A)	5.49	5.73
Module Efficiency - η (%)	14.69	15.57
Maximum Power (NOCT) - P_{MAX} (W)	+5% more than other modules	
Maximum System Voltage - U_{MAX} (V)	1000 V DC (TÜV)	
Maximum Power Tolerance	0 to + 3% (more than 5 watts)	

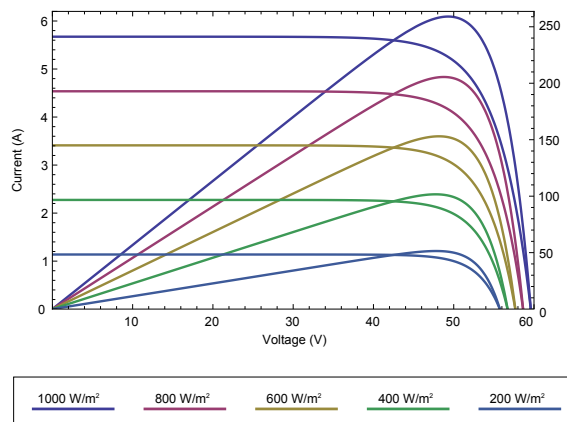
STC: Irradiance of 1000 W/m², solar spectrum of AM 1.5, module temperature at 25 °C

General Characteristics	
Dimensions (mm)	1574 x 1081 x 45
Weight	22 kg
Frame	Anodized aluminium alloy, BLACK
Operating Temperature	-40°C to +85°C
Junction Box / No. of Diodes	≥ IP65 / 4
Cable Length / Section	900 mm / 4 mm ²
Maximum Series Fuse	10 A
Front Glass	3.2 mm tempered glass
Cell Type / Matrix	Mono 125 x 125 mm / 96 (8 x 12)
Connectors	MC4 compatible
Wind / Snow Load	5400 / 2400 Pa

Engineering Drawing



I-V & V-P Curves (8.250MSGB)



Certification



Temperature Coefficients

Nominal Operating Cell Temp. (NOCT)	45 °C ±2 °C
Temp. Coefficient of P_{MAX}	-0.42 %/°C
Temp. Coefficient of I_{SC}	0.04 %/°C
Temp. Coefficient of U_{OC}	-0.29 %/°C

Packaging Configuration

Modules per pallet	24 pcs
Modules per 40" HQ container	672 pcs

Warranty Information

25 year power output warranty:

- Min 95% within 12 years
- Min 90% within 25 years

10 year product warranty

Important Notice

Information on how to install and operate this product is available in the installation instructions. All values indicated in this data sheet are subject to change without prior notice.